

KENTUCKY OPERATOR CERTIFICATION NEWSLETTER

JULY 2010



May 2010 Flooding

Flooding in May resulted in 42 Kentucky counties being declared disaster areas. The wastewater and water facilities in these counties were definitely affected. As always, the dedication and commitment of our operators helped to mitigate the threat to public health and to protect the waters of the Commonwealth. In this article, we will highlight some of the facilities. If you have information on your local facility and how personnel responded to the flooding, please submit it to Lisa Butler at lisa.butler@ky.gov.

Flooding was responsible for the closure of the Munfordville wastewater treatment plant. Dwight Cardwell, Bowling Green Regional Office Inspector, said that Tim Wilkerson and his staff shut down the plant, removed all electric motors and the complete UV system prior to the plant being flooded.

While the plant was out of operation, the system discharged approximately 125,000 gallons of untreated wastewater per day.



The entire Munfordville treatment process was under water. Water level at this time was 51 feet.

Photo: Dwight Cardwell, Bowling Green Regional Office

When the water receded on around May 7, the crew reinstalled all electric equipment, the UV system and changed the oils in all gear boxes. Few problems were encountered in the equipment restart. Due to the system shut down prior to being flooded, they were able to retain some level of solids for the restart.

The plant was completely operational and appeared to be meeting permit conditions within a week of being flooded.

The actions taken by Tim and his staff saved the city several thousand dollars and reduced the amount of pollution that entered Green River.



The object in the center of the picture is the headworks at the Munfordville WWTP.

Photo: Dwight Cardwell, Bowling Green Regional Office

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Munfordville clarifier
Photos: Dwight Cardwell, Bowling Green Regional Field Office



Munfordville basins

Green River Valley WWTP
Photos: John Rogers, Ky. Emergency
Response Team





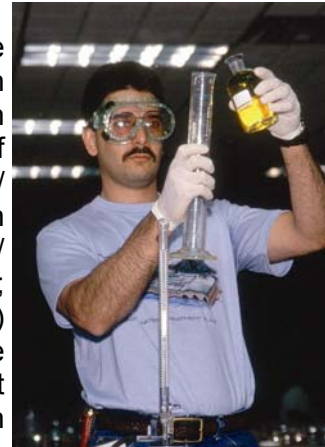
Water Training Institute Updates

By Christal Wade, WTI Education Coordinator

The Water Training Institute (WTI) at Western Kentucky University would like to announce that the online Associate of Science degree in Water Resource Management has been approved for offering, beginning the Fall 2010 semester. The degree program (reference number 298), has three concentrations: Water Operations (concentration WRTE), Wastewater Operations (concentration WRWT) and Water Utility Management (concentration WRUM). However, the Water Utility Management concentration is still in development and will not be available at this time. The Water Resource Management degree program will be housed in the Liberal Arts and Sciences division of the University College Commonwealth School. To obtain the Associate of Science degree, students will complete sixty (60) hours of academic credit coursework. The degree program includes fifteen (15) hours of general education classes, twenty-one (21) hours of a science core and twenty-four (24) hours of concentration specific coursework, all of which can be completed online, in virtual classrooms.

For students wishing to further their education beyond the Associate of Science degree, the Department of Architectural & Manufacturing Sciences at WKU offers a Bachelor of Science in Technology Management specifically for students who currently hold a certificate or associate's degree. From there, the Department of Political Science offers a Master of Public Administration degree program for administrators who seek to increase their administrative potential. In addition, other programs are being developed in various academic departments, including within University College.

UNET – The Utility Network – is also being developed as part of the WTI program. UNET is a network of utilities that are partnering with the WTI program to provide local point-of-presence, hands-on opportunities for WTI students. Utilities in UNET provide a variety of opportunities for WTI students, including (a) facility access for tours/observation of treatment processes, and/or distribution/collection systems operations; (b) training in specific treatment processes/operations; (c) access to laboratory facilities for observation/training; (d) mentoring of and/or paid internships for WTI students and (e) other opportunities, depending on the facility. All activities at the utilities involving students in the Water Resource Management degree program will be coordinated via the WTI Education Coordinator.



People interested in the Water Resource Management Associate of Science degree program are encouraged to visit our Web site at <http://wti.waterky.org>. Now is the time to get admitted to WKU and enrolled in courses beginning with the Fall 2010 semester. Questions about the academic program can be directed to the WTI Education Coordinator, Christal Wade, at christal.wade@wku.edu.

Certified Operator Disciplinary Actions

The Department for Environmental Protection, in consultation with the Kentucky Board of Certification of Wastewater System Operators and the Kentucky Board of Certification of Drinking Water Treatment and Distribution System Operators, took disciplinary action against three certified operators during the last few months. An overview of these actions is listed below.

Case 1

In April 2010, it was determined that a Class IIIA and IID drinking water operator from Webster County failed to use reasonable care and judgment in the course of employment as an operator, submitted false or misleading information on a cabinet document and willfully violated the requirements of KRS Chapter 223 and 224 and 401 KAR Chapter 8. This determination led to the revocation of the operator's Class IIIA and IID drinking water certifications.

Case 2

In April 2010, it was determined that a Class IIIA and ID drinking water operator from Webster County failed to use reasonable care and judgment in the course of employment as an operator, submitted false or misleading information on a cabinet document and willfully violated the requirements of KRS Chapter 223 and 224 and 401 KAR Chapter 8. This determination led to the revocation of the operator's Class IIIA and ID drinking water certifications.

Case 3

The Division of Water determined that a certified operator failed to adequately perform the duties as a Class II wastewater treatment plant operator and that the operator willfully or negligently violated or caused violations of 401 KAR 5:010, 5:031 and 5:065. After the appeal process, an agreement was reached between the cabinet and the operator. The agreed order required the operator to surrender his wastewater treatment certification permanently.

Case 4

In April 2010, it was determined that an operator from Bourbon County violated 401 KAR 11:020, Section 1(1)(a) and (b). Based on this determination and the series of Notices of Violation, the operator's Class II wastewater treatment license will be downgraded to a Class I wastewater treatment license. At that point, the Class I wastewater treatment license will be placed on probation for a period of one (1) year. During that year, the operator cannot be in primary responsible charge of any wastewater treatment facility. The operator must work for at least 6 months under the supervision of a mentor during the probation period. The operator must appear before the certification board at the end of the probation period to discuss his progress.

Renewal News

June 30, 2010 was a date circled in red for all administrative staff members in the operator certification program. This was the last day to renew a drinking water treatment and distribution license for the 2010 renewal cycle. At that time 85.92 percent of the certified drinking water operators had renewed their licenses. As of June 30, there were 384 certifications that were not renewed on time. The program received 89 percent of these renewals electronically. This saved the program approximately 50 work days in administrative staff time.

Any renewals received after June 30, 2010 will be assessed a late fee of \$250.00, in addition to the normal renewal fee. Check your wallet card for the expiration date to ensure you have an active license.

If drinking water operators allow their license to expire, they cannot be in direct responsible charge of a facility. The operator should also be aware that new regulations reduced the grace period from one year to six months. If a license that expired on July 1, 2010 is not renewed by December 31, 2010, the license will terminate. The operator would then be required to apply for certification and retest in order to become certified.

Renewal of wastewater licenses will begin in January 2011. If operators have the required hours for renewal, they may renew their wastewater license any time from January 1, 2011—June 30, 2011.

Wastewater
Operators
Always
Renew in
Odd Years

Drinking
Water
Operators
Always
Renew in
Even Years

IN THE NEWS

Water infrastructure legislation approved by Energy & Commerce Committee

Washington, D.C., May 26, 2010—Today the Committee on Energy and Commerce approved, by a vote of 45 to 12, the Assistance, Quality, and Affordability Act of 4010 (H.R. 5320, the “AQUA Act”). The legislation would reauthorize and increase funding for the drinking water state revolving fund (SRF) under the Safe Drinking Water Act. The drinking water SRF provides an important source of funding for public water systems, which are projected to face a significant increase in investment needs as existing infrastructure ages.

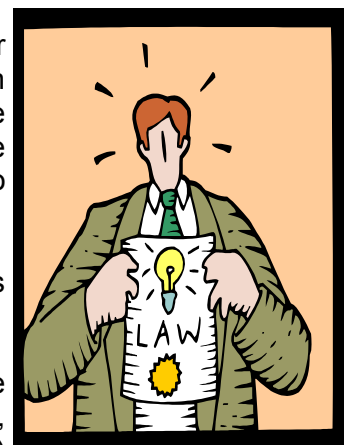
“The AQUA Act addresses the urgent need for investment in our water infrastructure, while also creating thousands of jobs in the construction and manufacturing sectors,” said Chairman Henry A. Waxman. “The legislation has strong support from a broad group of stakeholders because it is forward-thinking and will ensure that communities can continue to provide safe, affordable drinking water to American Families.”

“This critical bill will create jobs and increase the funding for our nation’s aging water infrastructure systems,” said Chairman Henry A. Waxman.

The AQUA Act will amend the Safe Drinking Water Act to increase assistance to states, water systems and disadvantaged communities, strengthen the U.S. Environmental Protection Agency’s (EPA) enforcement authority, encourage good financial and environmental management of water systems, reduce lead in drinking water and strengthen the Endocrine Disruptor Screening Program. The bill will encourage water systems to anticipate future replacement and rehabilitation needs, and also improve the ability of states to prioritize projects that promote the efficiency, sustainability, and long-term viability of water systems, according to Chairman Edward J. Markey. “The bill will also help prepare for the future by placing new emphasis on cutting-edge technologies, helping to ensure a reliable supply of drinking water for years to come. I’m also pleased that my language to strengthen the EPA’s testing program for potentially harmful endocrine disrupting chemicals was also agreed to.”

The committee approved a manager’s amendment by a voice vote, which would limit the authorization period to three years, gradually increase the authorization from \$1.4 billion to \$1.8 billion, increase the amount of SRF funding that can be reserved for the U.S. territories, encourage states to ensure transparency in development of affordability criteria and amend provisions governing the Endocrine Disruptor Screening Program. Additionally, the committee adopted an amendment offered by Rep. Bobby L. Rush to provide for the electronic reporting of compliance monitoring data to the EPA. An amendment offered by Rep. Betty Sutton, which would require the use of American materials for projects funded by the SRF, was adopted.

Source: <http://www.waterworld.com>



Does the United States have enough water?

We do not know.

We do not have an adequate picture of water availability at national, regional and local levels. "National water availability and use has not been comprehensively assessed in 25 years" - U.S. General Accounting Office report, July 2003

Why should we care?

"Water, which used to be considered an ubiquitous resource, is now scarce in some parts of the country, and not just in the West as one might assume. The water wars have spread to the Midwest, East and South as well." Water ...conflicts are occurring within states, among states, between states and the federal government and among environmentalists and state and federal agencies." Council of State Governments report "Water Wars", 2003

How much water do we need?

We have a general idea of how much water is used for public water supply, industry, commerce, irrigated agriculture, livestock and domestic purposes. Yet, "The accuracy and confidence limits of these water use estimates are not quantified." — Natural Research Council Report, 2002. In addition, the amounts also needed to maintain our natural environmental resources are not well known.

Does it matter if we don't know?

Decisions about use of our water resources can result in severe economic or environmental consequences when the decisions are based on poor information about water availability and use. Or on badly flawed forecasts of future availability. Water is essential to the success of agriculture and industry that are important for national, regional or local economic well-being. In the words of President Dwight D. Eisenhower, "The policies we adopt for the development of our water resources will have a profound effect in the years to come upon our domestic, agricultural and industrial economy." These words are just as relevant today as in Eisenhower's time.

Source unknown

Introducing

George Haynes II

We welcome George to the Certification and Licensing Branch. He joined the branch in April 2010 and is working as a certification trainer. George has worked in environmental areas for 13 years and in the wastewater industry for five years.



George was born in Vicksburg, Miss. He graduated from Ole Miss with a degree in General Engineering. He is married and the father of Trey, 2; Geordan, 6; Shantiqa, 14; Rosia, 14 and Jashawn, 18. Jashawn is a recent high school graduate and will attend ECU. George also coaches football for Bondurant Middle School.

George comes to us from the Kentucky Division of Conservation. He has lived in Kentucky since 2005 and currently lives in Frankfort.

George is also enrolled in the Governor's Minority Management Program. You can contact George by telephone at 800-926-8111, ext. 414, or by e-mailing him at george.haynes@ky.gov.

A potential new crypto source

New research suggests that migratory birds are a source of *Cryptosporidium* in drinking water.

It is not the deadliest of waterborne pathogens, but *Cryptosporidium* spp can infect thousands and kill scores by causing diarrhea. Since the 1993 outbreak in Milwaukee, Wis., which infected 400,000 people and killed 104, researchers and water-quality regulators have tried to keep a strict eye on the deadly protozoa in drinking water. Now, published research reveals six novel genetic variants and a new potential source of *Cryptosporidium*—migratory birds.

When study leader Kristen Jellison, now an assistant professor at Lehigh University, began her research as a graduate student at Massachusetts Institute of Technology (MIT), she wanted to identify the main source of *Cryptosporidium* in drinking-water supplies in the Boston area. “*Cryptosporidium* was found in cattle and herd animals,” says Jellison. “And agricultural runoff was considered to be a very big contributor to surface-water contamination.

The team monitored two brooks every month from June 2001 to May 2002 for the presence of *cryptosporidium* oocysts (the hard-walled infective stage). One of the brooks showed six new genetic variants of genotype of *Cryptosporidium*. The oocysts were found only from June to November, when migratory birds such as Canada geese (*Branta Canadensis*) are known to stop in the region. The observed genotypes were not related to any found in cattle. Taken together, the results suggest that in this agricultural watershed, “birds were more of a source than herd animals,” concludes Jellison.

“There’s now a growing recognition that some populations, probably mostly immunocompromised individuals and malnourished children in particular, are susceptible for infection with some of the species that we hadn’t previously considered to be causes of human infections” says coauthor David Schauer of MIT. There is a need to “build up a good picture of or good database of, what the patterns of human infections are with these genotypes as well,” adds Schauer.



Microbiologist Joan Rose of Michigan State University says, “*Cryptosporidium* reproduces both sexually and asexually, which makes the emergence of more pathogenic or virulent forms very easy. Knowing the genetic diversity and distribution of the pathogen helps in understanding the evolution of virulent forms from nonvirulent ones. The results are especially important in the wake of recent concern over avian flu, because we know there is a role for birds in moving things around.

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Sustainable Infrastructure

(This article was compiled by the Kentucky Division of Water from the following references: (1) Allbee, S. 2005. "America's Pathway to Sustainable Water and Wastewater Systems." Water Asset Management International; (2) U.S. Environmental Protection Agency, Sustainable Infrastructure for Water and Wastewater Website: <http://www.epa.gov/waterinfrastructure/>)

America's water assets are critical to the country's public health and economic, environmental and cultural vitality. The delivery of water and wastewater services is accomplished through infrastructure composed of collection and delivery systems, treatment and distribution facilities, public and private sector resources and the use of science, engineering and technological applications. The infrastructure also includes a complex web of local, state and federal regulatory requirements and the involvement of human resources on a wide and varied scale. Water and wastewater infrastructure service is considered so basic to the well-being of America's citizens that it has come to be taken for granted. Most, but not all of our population has access to safe drinking water and adequate sanitation facilities. Our nation acted with a sense of commitment to make safe drinking water and wastewater services available to most communities equally, regardless of geography, income levels or social circumstances. Despite the progress made, the needs that demand attention continue to grow unabated. Many water and wastewater service providers are tested with renewing the aging parts of systems, upgrading the system performance to align with higher environmental objectives, expanding the service to accommodate growth, all while sustaining low fees for services. The most significant upcoming challenge is to efficiently and effectively manage aging water and wastewater systems (Allbee 2005).

Water and wastewater infrastructure and service is considered so basic to the well-being of America's citizens that it has come to be taken for granted.

Allbee, stated in a 2005 article, "America's Pathway to Sustainable Water and Wastewater Systems," "the costs of maintaining current levels of services to the customer and of removing pollutants at treatment plants are rising dramatically. The infrastructure is aging, populations are growing, and land development is putting pressure on the system for expansion of sewer and water lines." While Allbee suggests a 3 percent per year increase in water and sewer rates would cover the costs, he recognizes that at least a quarter of the public will find these higher rates unaffordable. It is therefore urgent for utilities to apply more "business-like decision rules and processes under a well thought out and deliberate strategy for achieving outcomes." Allbee also suggests that the "paradigm shift" for water and wastewater uses a "transition from 'building and operating' to 'managing' assets, extending assets, optimizing maintenance and renewal, and developing accurate long-term funding strategies." (Allbee 2005)

In recent years, the federal government has been encouraging municipal water, stormwater and wastewater utilities to operate more efficiently and effectively as a means to sustain services in the future. In response to various studies identifying gaps between funding needs and funding availability at the local and national level to repair aging infrastructure, the EPA has developed a "Sustainable Water Infrastructure" initiative. The Sustainable Infrastructure Initiative guides our efforts in changing how the nation views, values, manages, and invests in its water infrastructure. The EPA is working with the water industry to identify best practices that have helped many of the nation's utilities address a variety of management challenges and extend the use of these practices to a greater number of utilities.

Continued from page 8

The EPA has focused on a number of measures that it believes will enhance the performance of municipal water, stormwater and wastewater systems. The goal is to help utilities maintain or “sustain” effective services into the future, by professionalizing their internal management, as well as by raising new revenues. The Four Pillars included in this initiative are:

1. Better management—to shift the utility management model beyond compliance to sustainability and improved performance by focusing on utility management systems, such as environmental management systems (EMS) and asset management, capacity development and selection of innovative, cost-effective technologies.
2. Full-cost pricing—to help utilities recognize their full costs for providing service over the long-term and to implement pricing structures that effectively recover costs and promote environmentally sound decisions by customers. Full costs, meaning factoring all costs—past, present and future operations, maintenance and capital costs—into prices and rate structures and then to implement a pricing structure designed to recover costs and promote water efficiency.
3. Water efficiency— improved water efficiency can reduce the strain on aging water and wastewater utilities and can sometimes delay or even eliminate the need for costly new construction to expand system capacity. WaterSense is an EPA partnership to promote water-efficient products and services in the residential and commercial sector, in particular, through labeling and marketing programs.
4. Watershed approach—to encourage adoption of watershed management principles and tools into utility planning and management practices, so that key decision-makers consider watershed-based, cost-effective alternatives along with traditional treatment technology investment choices. Watershed management approaches include, but are not limited to, source water protection, water quality trading, centralized management of decentralized systems, smart growth approaches to stormwater and wastewater management, watershed approaches to National Pollutant Discharge Elimination System (NPDES) permitting, sustainable watershed financing and watershed approaches to restoring impaired waters.



*Workers install a sewer in 1934.
Photo courtesy of James Ballalntyne, Library
and Archives Canada—PA133670*

More valuable tools and resources regarding the Sustainable Infrastructure Initiative can be found at the U.S. Environmental Protection Agency, Sustainable Infrastructure for Water and Wastewater Web site: <http://www.epa.gov/waterinfrastructure/>. The Kentucky Division of Water (KDOW) staff can assist water and wastewater utilities in implementing the Sustainable Infrastructure Initiative. Contact the KDOW today to inquire about more Sustainable Infrastructure tools and resources: 502-564-3410 or <http://water.ky.gov/>.



Broken water mains
Google pictures

New and Upgraded Licenses 1/1/10-6/30/10

Name	License and Level	Date Earned
Eric Fugate	DW Operator Certification-4A	01/11/2010
Joshua M Stinson	DW Operator Certification-4D	01/11/2010
Teton J Napier	DW Operator Certification-4D	01/11/2010
Daniel R Noble	DW Operator Certification-4D	01/11/2010
Michael A Reynolds	WW Collection Certification-4	01/11/2010
Timothy C Davenport	DW Operator Certification-1D	01/14/2010
Michael A Brown	DW Operator Certification-1D	01/14/2010
Shawn H Baldwin	DW Operator Certification-1D	01/14/2010
Lester C Burkhart	DW Operator Certification-1D	01/14/2010
Robert J Gerrety	WW Collection Certification-4	01/15/2010
Michael F Lee	DW Operator Certification-1D	01/18/2010
Calvin S Page	DW Operator Certification-1D	01/18/2010
Gregory W King	DW Operator Certification-1D	01/18/2010
Ronnie L Krohn Jr.	DW Operator Certification-1D	01/18/2010
Evan L Gover	DW Operator Certification-1D	01/18/2010
Sam A Weaver	DW Operator Certification-1D	01/18/2010
Robert D Hinton	DW Operator Certification-1D	01/18/2010
Adam J Gwin	DW Operator Certification-1D	01/18/2010
Curtis M Allen	DW Operator Certification-1D	01/18/2010
Travis M Kruse	DW Operator Certification-2A	01/18/2010
Billy D Rose	DW Operator Certification-2D	01/18/2010
Jackie L Jones	DW Operator Certification-2D	01/18/2010
Cody A Gowins	DW Operator Certification-2D	01/18/2010

Name	License and Level	Date Earned
Darren L Mathis	DW Operator Certification-2D	01/18/2010
Joshua L Murphy	DW Operator Certification-3D	01/18/2010
Anthony H McDowell	DW Operator Certification-3D	01/18/2010
Christopher K Reynolds	DW Operator Certification-3D	01/18/2010
Timothy E Vincent	DW Operator Certification-3D	01/18/2010
Lawrence E Childress	DW Operator Certification-3D	01/18/2010
Sammuel D Creech	DW Operator Certification-3D	01/18/2010
Darrell P Hundley	DW Operator Certification-3D	01/18/2010
Jonathan M Madden	DW Operator Certification-3D	01/18/2010
Stacy Grow	DW Operator Certification-3D	01/18/2010
James S Roberts	DW Operator Certification-3D	01/18/2010
Bart D Miller	DW Operator Certification-3D	01/18/2010
Jeffrey D Gaddie	DW Operator Certification-3D	01/18/2010
Kenneth I Embry	WW Collection Certification-1	01/20/2010
Kenneth D Powell	WW Collection Certification-1	01/20/2010
Robert C McDonald Jr	WW Collection Certification-1	01/20/2010
Robert J Noble	WW Collection Certification-1	01/20/2010
David C Gabbert	WW Collection Certification-1	01/20/2010
Wayne J Wahner	WW Collection Certification-1	01/20/2010
Daniel Case	WW Collection Certification-2	01/20/2010
Kenneth R White	WW Collection Certification-2	01/20/2010
Chad D Clark	WW Collection Certification-2	01/20/2010
Sherman R McDaniels	WW Collection Certification-2	01/20/2010

New and Upgraded Licenses 1/1/10-6/30/10 (cont.)

Elwood B Watts	DW Operator Certification-2D	01/18/2010
C J Holland	DW Operator Certification-2D	01/18/2010
Jeremy W Powell	DW Operator Certification-2D	01/18/2010
Gary W Dennison	DW Operator Certification-2D	01/18/2010
Harold C Compton	DW Operator Certification-2D	01/18/2010
Eddie R Reynolds	DW Operator Certification-2D	01/18/2010
John D Stanfill	DW Operator Certification-2D	01/18/2010
Bradley C Patrick	DW Operator Certification-2D	01/18/2010
George A Goetzinger	DW Operator Certification-2D	01/18/2010
Henry C Williams	DW Operator Certification-2D	01/18/2010
Daniel C Todd	DW Operator Certification-2D	01/18/2010
Billy J Anglin	DW Operator Certification-2D	01/18/2010
Elwood Patrick	WW Collection Certification-2	01/20/2010
Bradley C Patrick	WW Collection Certification-2	01/20/2010
Charles G Hungler III	WW Collection Certification-2	01/20/2010
Terrence L Hungler	WW Collection Certification-2	01/20/2010
Phillip W Stanken	WW Collection Certification-3	01/20/2010
Clifton E Beecher	WW Collection Certification-3	01/20/2010
Jason A Simmons	WW Collection Certification-3	01/20/2010
Gary D Graves	WW Collection Certification-3	01/20/2010
Shirley M Roberts	WW Collection Certification-1	01/21/2010
Ronald E Seagraves	WW Collection Certification-3	01/21/2010
William Kelly	DW Operator Certification-2D	01/25/2010

Earl S McCall	WW Collection Certification-2	01/20/2010
Mark D Bates	WW Collection Certification-2	01/20/2010
Bobby M Morris	WW Collection Certification-2	01/20/2010
Carl W Crone	WW Collection Certification-2	01/20/2010
William L Catlett	WW Collection Certification-2	01/20/2010
Brent W Wigginton	WW Collection Certification-2	01/20/2010
Ernest L Ryan	WW Collection Certification-2	01/20/2010
Paul E Harp	WW Collection Certification-2	01/20/2010
Chris Rose	WW Collection Certification-2	01/20/2010
Lindsey C Yocum	WW Collection Certification-2	01/20/2010
Tony R Hobbs	WW Collection Certification-2	01/20/2010
Hasten Wright	WW Collection Certification-2	01/20/2010
Daryl K Davis	DW Operator Certification-1BD	02/26/2010
Nora A Bauer	DW Operator Certification-3B	02/26/2010
Adam B Hunley	DW Operator Certification-3B	02/26/2010
Travis S Hickerson	DW Operator Certification-3B	02/26/2010
Samuel K Bolen	DW Operator Certification-3B	02/26/2010
John L Ferguson	WW Operator Certification-1	02/26/2010
Archie C Blackburn	WW Operator Certification-1	02/26/2010
Ricky Crider	WW Operator Certification-1	02/26/2010
Tommy L Gregory	WW Operator Certification-1	02/26/2010
Anthony G Castle	WW Operator Certification-1	02/26/2010
Jeremy Salyer	WW Operator Certification-1	02/26/2010

New and Upgraded Licenses 1/1/10-6/30/10 (cont.)

Thomas J Kean	WW Collection Certification-1	01/25/2010
Daniel A Edwards	WW Collection Certification-1	01/25/2010
Carl Pelfrey	WW Collection Certification-2	01/25/2010
Stephanie F Burke	WW Collection Certification-2	01/25/2010
Ralph D Sammons	WW Collection Certification-2	01/25/2010
Anthony D Hunt	WW Collection Certification-2	01/25/2010
Joseph O Arnold	WW Collection Certification-2	01/25/2010
Allen M Duvall	WW Collection Certification-2	01/25/2010
Randall Spears	WW Collection Certification-2	01/25/2010
Raymond A Barney	WW Collection Certification-2	01/25/2010
Arvin L Gay	WW Collection Certification-2	01/25/2010
Chase M Casteel	WW Collection Certification-2	01/25/2010
Calvin Smith	WW Collection Certification-2	01/25/2010
James C Jennings	WW Collection Certification-2	01/25/2010
Charles A Smither	WW Collection Certification-2	01/25/2010
Samantha J Boykin	WW Collection Certification-2	01/25/2010
Corey M Krulik	WW Collection Certification-3	01/25/2010
Eric S Stradtner	WW Collection Certification-3	01/25/2010
Adam B Smither	WW Collection Certification-3	01/25/2010
Boyd M Roland	WW Collection Certification-3	01/25/2010
Robert N Jackson	WW Collection Certification-3	01/25/2010
Kenneth D Hogsten Jr	WW Collection Certification-4	01/25/2010

John M Turner	WW Operator Certification-1	02/26/2010
Stephen M Ocheltree	WW Operator Certification-1	02/26/2010
Jeffrey S Luckett	WW Operator Certification-1	02/26/2010
Rodney M Perkins	WW Operator Certification-1	02/26/2010
Vern W Guffy	WW Operator Certification-1	02/26/2010
H Morris Caudill	WW Operator Certification-1	02/26/2010
Gary H Rosenbum	WW Operator Certification-1	02/26/2010
Marvin E Jones	WW Operator Certification-1	02/26/2010
Mihirkumar R Shah	WW Operator Certification-1	02/26/2010
John W Flowers	WW Operator Certification-1	02/26/2010
Robert D Scarbrough	WW Operator Certification-1	02/26/2010
William S Oaks	WW Operator Certification-1	02/26/2010
Bobby L Russell	WW Operator Certification-1	02/26/2010
Theresa J Vest	WW Operator Certification-2	02/26/2010
Samantha J Boykin	WW Operator Certification-2	02/26/2010
Chad D Clark	WW Operator Certification-2	02/26/2010
Randall C Combs	WW Operator Certification-2	02/26/2010
Barry K Young	WW Operator Certification-2	02/26/2010
Steven S Rowe	WW Operator Certification-2	02/26/2010
Tony Meadows	WW Operator Certification-2	02/26/2010
Ronald L Robinson	WW Operator Certification-2	02/26/2010
Victor K Dwyer	WW Operator Certification-2	02/26/2010

New and Upgraded Licenses 1/1/10-6/30/10 (cont.)

Rod W Kells	DW Operator Certification-1BD	02/08/2010
Michael W Couch	DW Operator Certification-1BD	02/08/2010
John J Rezek	DW Operator Certification-1BD	02/10/2010
Darrell L Sears	WW Collection Certification-1	02/16/2010
Isaac A Gleason	WW Operator in Training	02/26/2010
Andrew D Cornett	WW Operator in Training	02/26/2010
Daniel L Abner	WW Operator in Training	02/26/2010
Ronnie M Bolin	WW Operator in Training	02/26/2010
James L Nunn	DW Operator Cert.-1AD-OIT	03/05/2010
Gary L Ford	DW Operator Certification-1AD	03/05/2010
Ruth A Watts	DW Operator Certification-1AD	03/05/2010
Mark A Cassity	DW Operator Certification-2A	03/05/2010
Randall W Moore	DW Operator Certification-2A	03/05/2010
James C Warren	DW Operator Certification-2A	03/05/2010
Joshua E Hargrove	DW Operator Certification-2A	03/05/2010
Jeff C Leeper	DW Operator Certification-2A	03/05/2010
Jerry O Blue	DW Operator Certification-2A	03/05/2010
Nancy K Rucks	DW Operator Certification-2A	03/05/2010
Joycelyn M Lightfoot	DW Operator Certification-2A	03/05/2010
James K Powell	DW Operator Certification-2A	03/05/2010
Joshua R Pelston	DW Operator Certification-2A	03/05/2010

Kevin L Thompson	WW Operator Certification-2	02/26/2010
Johnathon Crowe	WW Operator Certification-3	02/26/2010
Dale T Bird	WW Operator Certification-3	02/26/2010
David L Chase	WW Operator in Training	02/26/2010
Kyle W Thacker	DW Operator Certification-4A	03/05/2010
Jacob B Speck	DW Operator Certification-4A	03/05/2010
Walter C Lee Jr.	DW Operator Certification-4D	03/12/2010
Jonathan D Fretz	DW Operator Certification-1BD	03/16/2010
Edward M Rogers	DW Operator Certification-2D	03/16/2010
Jeffrey R Fields	DW Operator Certification-3A	03/16/2010
Morris L Collins	DW Operator Certification-3A	03/16/2010
Scottie W Hicks	DW Operator Certification-3D	03/16/2010
Christopher D Thompson	DW Operator Certification-3D	03/16/2010
Burch A Hager	WW Collection Certification-3	03/16/2010
Garry D Back	WW Collection Certification-3	03/16/2010
Elbert Bledsaw Jr.	WW Operator Certification-1	03/16/2010
Daniel R Popplewell	WW Operator Certification-1	03/16/2010
Travis M Kruse	WW Operator Certification-2	03/16/2010
Arthur D Curry	WW Operator Certification-2	03/16/2010
Tim L Nuckolls	WW Operator Certification-3	03/16/2010
Alan W Fox	DW Operator Certification-2A	03/24/2010

New and Upgraded Licenses 1/1/10-6/30/10 (cont.)

Kenneth E Oneal II	DW Operator Certification-2A	03/05/2010
Ellen M Ball	DW Operator Certification-2A	03/05/2010
Teresa J Cardwell	DW Operator Certification-2A	03/05/2010
Michael W Partin	DW Operator Certification-3A	03/05/2010
James M King	DW Operator Certification-3A	03/05/2010
Kevin R Pelfrey	DW Operator Certification-3A	03/05/2010
Kerry R Oliver	DW Operator Certification-3A	03/05/2010
Michael P Mattingly	DW Operator Certification-3A	03/05/2010
Jason G Acton	DW Operator Certification-3A	03/05/2010
William M Wesley	DW Operator Certification-3A	03/05/2010
Michael T Robinson	DW Operator Certification-3A	03/05/2010
John F Adkins	DW Operator Certification-3A	03/05/2010
Gerald T Lee	DW Operator Certification-4A	03/05/2010
Timothy S Moore	DW Operator Certification-4A	03/05/2010
Raymond B Banks	DW Operator Certification-4A	03/05/2010
James Bradley Miller	DW Operator Certification-4A	03/05/2010
Christopher L Williams	DW Operator Certification-4A	03/05/2010
Nathan D Wallace	DW Operator Certification-4A	03/05/2010
Ricky C Perry	DW Operator Certification-4A	03/05/2010
Franklin W Thieman II	DW Operator Certification-2D	04/19/2010
Christopher S Routon	DW Operator Certification-2D	04/19/2010
Terry L Hill	DW Operator Certification-2D	04/19/2010
Adam L Ortt	DW Operator Certification-2D	04/19/2010

Harold L Cash	DW Operator Certification-4D	04/16/2010
Justin D Sensabaugh	DW Operator Certification-4D	04/16/2010
Jerry D Perkins	WW Operator Certification-4	04/16/2010
Craig R Werner	DW Operator Cert.-1D-OIT	04/19/2010
Ivan L Padgett	DW Operator Certification-1AD	04/19/2010
James S Robinson	DW Operator Certification-1D	04/19/2010
Brandon C Byard	DW Operator Certification-1D	04/19/2010
Richard B Barnes	DW Operator Certification-1D	04/19/2010
Devon H Shelton	DW Operator Certification-1D	04/19/2010
Jamison J Smith	DW Operator Certification-1D	04/19/2010
Christopher S Rowe	DW Operator Certification-2A	04/19/2010
Charles T Duncan	DW Operator Certification-2D	04/19/2010
James R Emmick	DW Operator Certification-2D	04/19/2010
James D Hensley	DW Operator Certification-2D	04/19/2010
Ricky L King	DW Operator Certification-2D	04/19/2010
David M Roof	DW Operator Certification-2D	04/19/2010
Robert C Lampkin	DW Operator Certification-2D	04/19/2010
John L White	DW Operator Certification-2D	04/19/2010
Robert A White	DW Operator Certification-2D	04/19/2010
Christopher J Keffer	WW Operator Certification-1	04/19/2010
Jonathan P Swindler	WW Operator Certification-1	04/19/2010
Richard Belcher	WW Operator Certification-1	04/19/2010
Jeremy D Duncan	WW Operator Certification-1	04/19/2010

New and Upgraded Licenses 1/1/10-6/30/10 (cont.)

Jason T May	DW Operator Certification-2D	04/19/2010
Michael C Moody	DW Operator Certification-2D	04/19/2010
John C Clark	DW Operator Certification-2D	04/19/2010
Darrell W Dees	DW Operator Certification-2D	04/19/2010
David L Hedges	DW Operator Certification-2D	04/19/2010
Chris Rose	DW Operator Certification-2D	04/19/2010
Robert J Noble	DW Operator Certification-2D	04/19/2010
Robert L Thompson	DW Operator Certification-2D	04/19/2010
Ellen M Ball	DW Operator Certification-2D	04/19/2010
Michael A Brothers	DW Operator Certification-2D	04/19/2010
Jesse R Jones	DW Operator Certification-2D	04/19/2010
Harry G Anness	DW Operator Certification-3D	04/19/2010
William T Barker	DW Operator Certification-3D	04/19/2010
James L Hoskins	DW Operator Certification-3D	04/19/2010
James E Graves	DW Operator Certification-3D	04/19/2010
Daniel J Montgomery	DW Operator Certification-3D	04/19/2010
David W Moore	DW Operator Certification-3D	04/19/2010
David J Burke	DW Operator Certification-3D	04/19/2010
Jeremy W Troxell	DW Operator Certification-3D	04/19/2010
Ron K Berry	DW Operator Certification-3D	04/19/2010
Bruce A Bratton	DW Operator Certification-3D	04/19/2010
Ronald W Hacker	DW Operator Certification-4D	04/19/2010
Clifford J Davis	DW Operator Certification-4D	04/19/2010
Stacy D Hiler	DW Operator Certification-4D	04/19/2010

Charles R Asher	WW Operator Certification-1	04/19/2010
Dale L Webb	WW Operator Certification-1	04/19/2010
Sean W Burkey	WW Operator Certification-1	04/19/2010
Claude H White III	WW Operator Certification-1	04/19/2010
Terry M Payne	WW Operator Certification-1	04/19/2010
Randy G McDaniel	WW Operator Certification-1	04/19/2010
Justin R Leidolf	WW Operator Certification-1	04/19/2010
James A Morris	WW Operator Certification-1	04/19/2010
Robyn L Isaacs	WW Operator Certification-2	04/19/2010
Aaron C Smith	WW Operator Certification-2	04/19/2010
Elbert Bledsaw Jr.	WW Operator Certification-2	04/19/2010
Jason Watson	WW Operator Certification-2	04/19/2010
Mark T Anderson	WW Operator Certification-2	04/19/2010
Paul T Henry	WW Operator Certification-2	04/19/2010
Mihirkumar R Shah	WW Operator Certification-2	04/19/2010
Kendell W Knox	WW Operator Certification-2	04/19/2010
Aaron Nall	WW Operator Certification-3	04/19/2010
Richard A McDannold	WW Operator Certification-3	04/19/2010
Jason A Hedge	WW Operator Certification-3	04/19/2010
Curtis E Otto	WW Operator Certification-3	04/19/2010
Jesse L Cuzick	WW Operator Certification-4	04/19/2010
John R Clark	WW Operator Certification-4	04/19/2010
Ashwani K Anand	WW Operator in Training	04/19/2010
Ronald T Ramsey	WW Operator in Training	04/19/2010

**Congratulations to
all of our new
licensees!**

Remember, keep your license up to date. Complete the necessary continuing education hours each renewal period and renew your license by the expiration date on your wallet card.

Operators are also required to carry their wallet cards with them when they are working at their facility. Your certificate should also be posted at the facility.

Certification Board News

Certification Board Business Meeting Schedule

Certification board meetings are held at the Division of Compliance Assistance, 300 Fair Oaks Lane, Frankfort Kentucky.

Kentucky Board of Certification of Wastewater System Operators

August 17, 2010 at 11:00 a.m. Eastern Daylight time,
Room 301B

September 14, 2010 at 11:00 a.m. Eastern Daylight time,
Room 301 B

Kentucky Board of Certification of Water Treatment and Distribution System Operators

August 19, 2010 at 1:30 p.m. Eastern Daylight time,
Room 301B

September 16, 2010 at 1:30 p.m. Eastern Daylight
time, Room 301 B

Operators are invited to attend.

Board Member Profiles

Kentucky Board of Certification of Drinking Water Treatment and Distribution System Operators

Dillard Griffin has been a drinking water certification board member since 1994. He serves as the public works director member of the board and currently serves as the board's chairman.



Dillard's career in the water utility industry began when he was still in college, when he accepted a job on the night shift as a plant operator for Kentucky American Water. Dillard's career at Kentucky American Water has included overseeing the operations and financial management of the company's water treatment operations, the Rockwell wastewater treatment plant in Clark County and numerous booster pumping stations and water storage tanks. Most recently, he has been overseeing the company's field operations, which include the company's meter reading, maintenance, local customer service and field service activities.

Dillard, is a certified Class IVA water treatment plant operator, a certified Class IVD water distribution system operator and an active member of the American Water Works Association's Kentucky-Tennessee Section. He is involved in a number of efforts to cultivate young people's interest in science and the water utility industry, such as the Bluegrass Community and Technical Colleges' Environmental Science Technology Program.

Kentucky Board of Certification of Wastewater System Operators

Gary Epperson has been a wastewater certification board member since 2005. He serves as one of the certified operator representatives for the board.

He grew up in Nancy, Kentucky, moved to Somerset in 1980, and started his career working for a construction company on water and wastewater projects. In 1986, he was hired as a backhoe/lift station operator for the City of Somerset. Gary has worked for the City of Somerset 24 years. In his first few years, he worked on maintenance on the collection system, plants and stations. He said he had an interest in the plants and worked up to the level of a Class IV wastewater treatment operator. He holds a CDL license and is a certified land farming operator. He also took over the landfarm operations for Somerset in 1999. Gary has promoted through the ranks to assistant utility manager for the wastewater department of Somerset.



Gary stated that some of his many hobbies are collecting old Coke items, hunting, fishing, motorcycling and almost anything to do with the outdoors. When providing information for this article, Gary also asked that we express his gratitude to all of the collection, treatment and distribution operators in Kentucky for the time and effort they put into work. He said, "These operators are what make Kentucky a special place to live."

Certification Program Enhancements

The certification program recently formed a partnership with the University of Kentucky that is helping us update and expand our training classes. This effort will make it easier for the program to provide the training information needed to improve certified operator knowledge and abilities, increase certification exam scores and ultimately, make it easier for facilities to excel in their environmental responsibilities.

The program is concentrating on refocusing the contents of our courses to ensure that the information delivered is pertinent and relevant to your day-to-day operations. Over the next few weeks, you will begin to see changes in our training materials, presentations and even our examinations.

The trainers have also begun to incorporate new training techniques besides the usual lecture technique. We will be taking advantage of innovative and interactive ways to encourage class participation during certification schools as well as the two-day continuing education courses.

Training assessment is the last piece of the puzzle. This will be accomplished by implementing pre- and post-tests during the event. This will allow the program to assess where changes need to be made in the content in order to address your needs.

We are excited about these changes and we look forward to your feedback and seeing your continued success as operators for the Commonwealth.

Did you know?

Of all the water on earth, humans can use only about three-tenths of a percent of this water. Such usable water is found in groundwater aquifers, rivers and fresh water lakes.

www.allaboutwater.org/water-facts.html

Loving Lawn Care

If you think you must use heavy amounts of pesticides to grow a beautiful lawn, think again. A bright green, weed-free lawn can be yours by following these simple steps:



- **Mow your lawn only as needed.** If the grass has gotten too tall, don't mow it down all at one time. Mow gradually, cutting no more than an inch off with the first mowing. Allow the lawn to recover for a day or two, and then trim another inch. Continue cutting an inch at a time until you reach the desired height.
- **Water wisely.** Don't water on a timer. Some grasses need more water than others, so figure out what kind of grass you have before you decide to water it frequently. When you do water, soak the grass through to the roots, not just the top of the blades.
- **Use slow-release, organic fertilizers.** Most lawn and garden centers now offer several organic fertilizers along with the more standard varieties.

www.earthshare.org

Operator Certification Training

Jul. 7–9, 2010	Rough River SRP	Collection Cert. School (WW 7525)	WW	12
Jul. 15–16, 2010	Lake Barkley SRP	Regulations (DW 7501)	DW	12
Jul. 26–29, 2010	Pine Mountain SRP	Surface Water Treatment Cert. School (DW 7502)	DW	18
Jul. 27–28, 2010	Pine Mountain SRP	Biology & Math (WW 7526)	WW	12
Aug. 3–4, 2010	Carter Caves SRP	Treatment Plant O & M (DW 7503)	DW	12
Aug. 10–11, 2010	DEP Training Center 300 Fair Oaks Ln., Frankfort	Excavation & Hazards (CDW 7527)	DW WW	12
Aug. 17–20, 2010	Jenny Wiley SRP	Distribution Cert. School (DW 7504)	DW	18
Aug. 17–18, 2010	Barren River SRP	Materials & Math (WW 7528)	WW	12
Aug. 31–Sept. 3, 2010	Jenny Wiley SRP	Wastewater Treatment Cert. School (WW 7529)	WW	18
Sept. 1–2, 2010	Pennyrile Forest SRP	Operator Forum (DW 7505)	DW	12
Sept. 14–17, 2010	Florence Government Center, 8100 Ewing Blvd., Florence	Distribution Cert. School (DW 7506)	DW	18
Sept. 23–24, 2010	DEP Training Center 300 Fair Oaks Ln., Frankfort	Biology & Math (WW 7530)	WW	12
Sept. 28–29, 2010	Lake Barkley SRP	Materials & Math (WW 7531)	WW	12
Oct. 5–8, 2010	Jenny Wiley SRP	Surface Water Treatment Cert. School (DW 7507)	DW	18
Oct. 12–14, 2010	Buckhorn Lake SRP	Collection Cert. School (WW 7532)	WW	12
Oct. 27–28, 2010	Pine Mountain SRP	Go Green—Energy Efficiency (CDW 7508)	DW WW	12
Nov. 3–4, 2010	General Butler SRP	Biology & PC Lab (WW 7533)	WW	12
Nov. 3–4, 2010	General Butler SRP	Cross Connections (DW 7509)	DW	12
Nov. 16–19, 2010	Blue Licks Battlefield SRP	Surface Water Treatment Cert. School (DW 7510)	DW	18
Nov. 16–19, 2010	DEP Training Center 300 Fair Oaks Ln., Frankfort	Wastewater Treatment Cert. School (WW 7534)	WW	12
Dec. 1–2, 2010	DEP Training Center 300 Fair Oaks Ln., Frankfort	Professionalism & Operator Ethics (CDW 7511)	DW WW	12
Dec. 1–2, 2010	Kentucky Dam Village SRP	Sludge & Solids (WW 7535)	WW	12
Dec. 14–15, 2010	Dale Hollow SRP	Biology & PC Lab (WW 7536)	WW	12
Dec. 14–17, 2010	Lake Barkley SRP	Distribution Cert. School (DW 7512)	DW	18

Don't forget, you can register for classes online by using eSearch.

If you want to attend school and take an exam, you still need to submit the Education and Experience Documentation form and the Registration Form for Exams and Training. You cannot register for exams online at this time, but we anticipate being able to announce that enhancement in the near future.

The online registration saves you time and paperwork. When you register online, you will be automatically added to the class. This ensures that you can get into the class you want without out the delay of waiting for confirmation of receipt of a registration form.

If there are topics that you, as an operator, would like to have covered in one of the program's continuing education classes, please e-mail lisa.butler@ky.gov or tell one of the program's trainers. The classes are for the benefit of our operators. We want classes to be relevant and informative.

Certification and Licensing Branch Staff Member Profile

Veronica Roland serves as one of the administrative staff members in the Certification and Licensing Branch. She has been with the certification program since 2005.



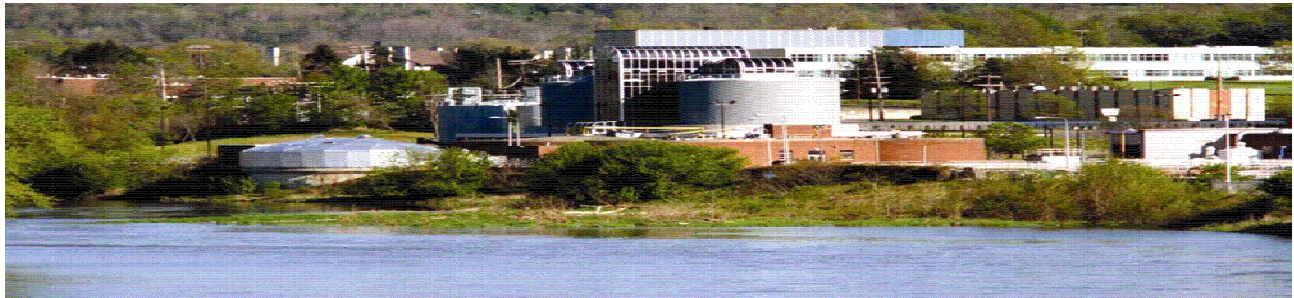
Veronica processes applications, renewals and registrations for wastewater operators and serves as a proctor for the Frankfort exam sessions. Veronica also answers questions that come in on a day-to-day basis regarding certification in Kentucky.

In addition to her regular duties, she assists in the development of the program's online capabilities.

Her hobbies include reading, all things electronic and caring for her children, ages 3 and 1. Veronica is a valuable member of the program.

E-mail List

Did you know that you can receive announcements, newsletters and other programmatic information through e-mail? This service is offered by the Certification and Licensing Program and you too, can be added to the distribution list by calling 1-800-926-8111, ext. 317, or by e-mailing lisa.butler@ky.gov.



Free On-site Assistance to Wastewater Operators

The Division of Compliance Assistance's Environmental Compliance Assistance Program (ECAP) is offering free on-site assistance to Kentucky's wastewater operators. If you have questions about how to stay in compliance with your environmental requirements or just need an independent third-party assessment, ECAP has staff available to visit your facility and provide one-on-one assistance or training to answer your regulatory questions. ECAP is non-regulatory and provides systems with a proactive way to deal with regulatory issues before they become a problem. For more information, please e-mail envhelp@ky.gov.



In Loving Memory

Sylvia Weber, a former employee of the Operator Certification Program, passed away on Friday, July 9, 2010, after a long battle with cancer. Sylvia worked in the program from December 1998 to February 2005.

She will be remembered most for her determination and her love for her children. Sylvia was a fierce survivor at heart. It was during her darkest hours that her courageous spirit shined the brightest with an inner strength and grace that touched many and was admired by all. She will be dearly missed.

Obtaining Approval of Courses for Continuing Education Credit

The process for approval of courses for continuing education credit has changed, and the requirements are located in 401 KAR 11:050, Section 3. The information below captures the regulatory requirements.

- A training provider seeking approval of certified operator training shall submit to the cabinet a completed Application for Approval of Courses for Continuing Education Credit form.
- Upon completion of the approved training, the provider shall submit to the cabinet a completed Continuing Education Activity Report form.
- A certified operator who has attended training that has not been submitted to the cabinet for approval may apply for training approval as provided in paragraph a. of this subsection.
- A certified operator who provides approved training may receive, upon approval of the cabinet, hour-for-hour credit for actual instruction time.
- Cabinet approval of training shall expire two years following the date of approval.
- The cabinet, in consultation with the board, shall extend the approval expiration date if:
 1. The provider requests the extension in writing; and
 2. The training has not changed from the previous approval.

Wastewater treatment and/or collection courses approved prior to March 2009, as well as drinking water treatment and/or distribution courses approved prior to February 2010, must be resubmitted for approval if you want to continue to offer the course(s) for continuing education hours. The application for approval should be submitted to the certification program using the [Application for Approval of Courses for Continuing Education Credit](#) using form DEC ACCE Revised 8-2009. The application packet includes instructions and a copy of the activity report on the last page. The activity report should be used to report the operators credit a course.

In order to receive approval, the training must fall into a board-approved core content topic area. The core content lists are available for download on the certification program's Web page, which is located at: www.dca.ky.gov/certification, then follow the link to the Training and Testing Information page. There is a core content topic list for the wastewater and drinking water programs.

If a topic is not on the core content list, you may still submit the course for review, but you will need to provide a reason, in writing, how the course would be beneficial to ensure operators have the competence to protect the waters of the Commonwealth of Kentucky and to protect public health in the performance of their duties as a certified operator.

If you have additional questions regarding the process for submitting courses for approval or previously approved course' status, please contact Lisa Butler at 800-926-8111, ext. 317, or by e-mail at lisa.butler@ky.gov.

DIVISION OF COMPLIANCE ASSISTANCE

Division of Compliance Assistance
Certification and Licensing Branch
300 Fair Oaks Lane
Frankfort, KY 40601

Phone: 800-926-8111 or
502-564-0323
Fax: 502-564-9720
Web page:
www.dca.ky.gov/certification



FREE Technical Assistance

Available Through Environmental Compliance Assistance Program

Did you know that the Division of Compliance Assistance offers free compliance assistance? Our services are available to all individuals, communities and businesses regulated by the department. We want to help you succeed!

Call us toll-free at **1-800-926-8111**.

Certification and Licensing Branch Staff

Julia Kays, Manager

Administration

Lisa Butler
Veronica Roland
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Jessica Wilhoite

Certification Training

Steve Crosman
Clayton Getz
George Haynes
Tim Ricketts

Green Tip

eCycle—Take your old computer, DVD player or other electronics to a recycling center. This helps keep hazardous substances out of the landfill.

